## **EAST Search History**

| Ref #     | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|-----------|------|---|---|---------------------|---------|---------------------|
| L1        | 27   | "381"/\$.ccls. and ((amplif\$6<br>attenuat\$3) near20 (level) near20<br>(accord\$3 depend\$4) near20<br>(factor coefficient emphasis weight<br>\$3))                        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR                  | OFF     | 2009/06/18<br>12:58 |
| L2        | 20   | "381"/\$.ccls. and ((amplif\$6<br>attenuat\$3) near20 (sensor\$1<br>microphone\$1) near20 (accord\$3<br>depend\$4 based) near20 (factor<br>coefficient emphasis weight\$3)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR                  | OFF     | 2009/06/18<br>13:00 |
| S2        | 6    | (("6243683") or ("5185803") or<br>("4449238") or ("6748088") or<br>("6496581") or ("4965833")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR                  | OFF     | 2007/02/03<br>21:25 |
| S3        | 0    | juergen.in. and vehicle and communicaiton and voice   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR                  | OFF     | 2007/02/03<br>19:53 |
| S4        | 0    | volkswagen.AS. and vehicle and communicaiton and voice  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR                  | OFF     | 2007/02/03<br>19:55 |
| S5        | 0    | schultz.in. and vehicle and communicaiton and voice   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR                  | OFF     | 2007/02/03<br>19:53 |
| S6        | 23   | schultz.in. and vehicle and communication and voice   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR                  | OFF     | 2007/10/18<br>16:54 |
| S7        | 7    | ("4965833"   "5627899"  <br>"5644641"   "5699480"  <br>"5893056"   "5920834"  <br>"6098040").PN.  | US-PGPUB;<br>USPAT; USOCR                       | OR                  | OFF     | 2007/02/03<br>19:55 |
| S8        | 6    | volkswagen.AS. and vehicle and communication and voice  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR                  | OFF     | 2007/02/03<br>19:55 |
| <b>S9</b> | 12   | ("5366241"   "5539859"  <br>"5600727"   "5602962"  <br>"5715319"   "5748748"  <br>"5787183"   "5829782"  <br>"6192134"   "6529608"  <br>"6600824"   "6618485").PN.          | US-PGPUB;<br>USPAT; USOCR                       | OR                  | OFF     | 2007/02/03<br>19:59 |
| S10       | 35   | mcgregor and voice and enhanc\$3<br>and (car vehicle)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR                  | OFF     | 2007/02/03<br>21:47 |

| S12  | 6   | (("6243683") or ("5185803") or ("4449238") or ("6748088") or ("6496581") or ("4965833")).PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/02/03<br>21:25 |
|------|-----|--|---|----|-----|---------------------|
| S13  | 2   | S12 and delay  | USPAT   | OR | OFF | 2007/02/03<br>21:44 |
| S14  | 2   | WO-9949698-\$.did.   | USPAT; FPRS;<br>EPO; JPO;<br>DERWENT            | OR | OFF | 2007/02/03<br>21:27 |
| S15  | 0   | S12 and display\$3   | USPAT   | OR | OFF | 2007/02/03<br>21:47 |
| S16  | 20  | schultz.in. and vehicle and<br>communication and voice and<br>display\$3                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/02/03<br>21:45 |
| S17  | 15  | mcgregor and voice and enhanc\$3<br>and (car vehicle) and LED                                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/02/03<br>21:47 |
| S18  | 0   | S12 and LED  | USPAT   | OR | OFF | 2007/02/03<br>21:47 |
| S19  | 906 | (381/86). CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/02/04<br>16:00 |
| S20  | 1   | S19 and (voice near3 (recognit\$4 activat\$4)) and (seating near3 positions)                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/02/04<br>16:01 |
| S21  | 5   | S19 and voice and (seating near3 positions)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/02/04<br>16:03 |
| S22  | 0   | S19 and (rotary same (seating near3 positions))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/10/18<br>17:15 |
| S23  | 20  | vehicle same (rotary display LED)<br>same (seating near3 positions)                          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/02/04<br>16:06 |
| S24  | 5   | ("4908611"   "5736827"  <br>"6181996"   "6281804"  <br>"6325436").PN.                        | US-PGPUB;<br>USPAT; USOCR                       | OR | OFF | 2007/02/04<br>16:05 |
| \$25 | 7   | vehicle same (seating near3 positions near4 detect\$4)                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/02/04<br>16:14 |
| \$26 | 9   | (vehicle car automobile) same<br>(seating near3 positions near4<br>detect\$4)                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/02/04<br>16:17 |

| S27         | 13  | (vehicle car automobile) and<br>(seating near3 positions near4<br>detect\$4)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/02/04<br>16:17 |
|-------------|-----|---|---|----|-----|---------------------|
| S28         | 6   | (("6243683") or ("5185803") or<br>("4449238") or ("6748088") or<br>("6496581") or ("4965833")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/02/05<br>13:13 |
| S29         | 1   | schultz.in. and vehicle and communication and voice and (weight same level\$1 same transmitter\$1)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/10/18<br>16:56 |
| S30         | 16  | schultz.in. and vehicle and communication and voice and (weight)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/10/18<br>17:03 |
| S31         | 9   | schultz.in. and vehicle and communication and voice and (display\$3 same position)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/10/18<br>17:03 |
| S32         | 1   | "381"/\$.ccls. and (activat\$3 (turn<br>\$3 near2 on)) with only with<br>microphone with (highest larg\$3<br>great\$3) with (level gain volume)                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/10/18<br>17:18 |
| <b>S</b> 33 | 1   | "381"/\$.ccls. and (activat\$3 (turn<br>\$3 near2 on)) with (exclusive\$2<br>only solely just alone) with<br>microphone with (highest larg\$3<br>great\$3) with (level gain volume) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/10/18<br>17:18 |
| S34         | 1   | (activat\$3 (turn\$3 near2 on)) with (exclusive\$2 only solely just alone) with microphone with (highest larg\$3 great\$3) with (level gain volume)                                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/10/18<br>17:19 |
| S35         | 3   | (activat\$3 trigger actuate (turn\$3 near2 on)) with (exclusive\$2 only solely just alone) with microphone with (highest larg\$3 great\$3) with (level gain volume)                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/10/18<br>17:20 |
| S36         | 10  | "381"/\$.ccls. and (activat\$3<br>trigger actuate (turn\$3 near2 on))<br>with (exclusive\$2 only solely just<br>alone) with (highest larg\$3 great<br>\$3) with (level gain volume) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/10/18<br>17:22 |
| S37         | 622 | (activat\$3 trigger actuate (turn\$3 near2 on)) with (exclusive\$2 only solely just alone) with (highest larg \$3 great\$3) with (level gain volume)                                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/10/18<br>17:40 |
| S38         | 155 | vehicle same ((display LEDs) with (seat\$3 near2 position\$1))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/10/18<br>18:05 |

| S39 | 48    | vehicle same ((display LEDs) with (position\$1 with microphone\$1 with \$4speak\$3))                             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/10/18<br>19:31 |
|-----|-------|--|---|----|-----|---------------------|
| S40 | 7     | ("20030122782"   "20040204823"<br>  "20050055154"   "6181996"  <br>"6356812"   "6717287"  <br>"6801852").PN.     | US-PGPUB;<br>USPAT; USOCR                       | OR | OFF | 2007/10/18<br>18:17 |
| S41 | 5     | ("4908611"   "5736827"  <br>"6181996"   "6281804"  <br>"6325436").PN.  | US-PGPUB;<br>USPAT; USOCR                       | OR | OFF | 2007/10/18<br>18:54 |
| S42 | 25    | "3755625"  | US-PGPUB;<br>USPAT; USOCR                       | OR | OFF | 2007/10/18<br>18:55 |
| S43 | 1     | ("3755625").PN.  | USPAT   | OR | OFF | 2007/10/18<br>18:55 |
| S44 | 10019 | vehicle and ((display\$3 LEDs) with (microphone\$1 \$4speak\$3 (seat near2 position\$1)))                        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/10/18<br>19:33 |
| S45 | 5853  | vehicle and ((display\$3 LEDs)<br>near4 (microphone\$1 \$4speak\$3<br>(seat near2 position\$1)))                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/10/18<br>19:33 |
| S46 | 1804  | vehicle same ((display\$3 LEDs)<br>near4 (microphone\$1 \$4speak\$3<br>(seat near2 position\$1)))                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/10/18<br>19:33 |
| S47 | 1167  | vehicle same ((display\$3 LEDs) with (location position) with (microphone\$1 \$4speak\$3 (seat \$1)))            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/10/18<br>19:35 |
| S48 | 82    | vehicle same ((display\$3 LEDs)<br>near3 (location position) near3<br>(microphone\$1 \$4speak\$3 (seat<br>\$1))) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2007/10/18<br>19:35 |
| S49 | 975   | (381/86).OCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2008/04/09<br>18:18 |
| S50 | 896   | (381/91,92).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2008/04/09<br>18:18 |
| S51 | 1066  | (381/86).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2009/06/07<br>16:10 |
| S52 | 1019  | (381/91,92).OCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2009/06/07<br>16:10 |

| S53  | 1    | schultz.in. and vehicle and<br>communication and voice and<br>(attenuat\$3 near20 amplif\$3<br>near20 weight\$3)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2009/06/07<br>16:31 |
|------|------|--|---|----|-----|---------------------|
| \$54 | 1    | schultz.in. and vehicle and communication and voice and (attenuat\$3 near20 amplif\$3 near20 weight\$3)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2009/06/07<br>16:31 |
| S55  | 2    | (("6535609") or ("7415116")).PN.   | USPAT; USOCR                                    | OR | OFF | 2009/06/07<br>16:58 |
| S56  | 118  | 381/86,91,92,111,122.ccls. and (weight\$3 near10 microphone\$1 near10 (signal\$1 level\$1))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2009/06/07<br>17:04 |
| S57  | 2804 | (381/86,91,92,111,122).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2009/06/17<br>22:03 |
| S58  | 7    | 381/86,91,92,111,122.ccls. and (weight\$3 near10 microphone\$1 near10 (signal\$1 level\$1) near10 (amplif\$6 attenuat\$3))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2009/06/17<br>22:13 |
| S59  | 0    | 381/86,91,92,111,122.ccls. and (((amplif\$6 attenuat\$3) near10 (signal\$1 level\$1) near10 (sensor \$1 microphone\$1) near10 (accord \$3 depend\$4) near10 weight\$3) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2009/06/17<br>22:17 |
| S60  | 0    | "381"/\$.ccls. and ((amplif\$6<br>attenuat\$3) near10 (signal\$1 level<br>\$1) near10 (sensor\$1 microphone<br>\$1) near10 (accord\$3 depend\$4)<br>near10 weight\$3)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2009/06/17<br>22:18 |
| S61  | 0    | "381"/\$.ccls. and ((amplif\$6<br>attenuat\$3) near10 (sensor\$1<br>microphone\$1) near10 (accord\$3<br>depend\$4) near10 weight\$3)                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2009/06/17<br>22:18 |
| S62  | 0    | "381"/\$.ccls. and ((amplif\$6<br>attenuat\$3) near20 (sensor\$1<br>microphone\$1) near20 (accord\$3<br>depend\$4) near20 weight\$3)                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2009/06/17<br>22:19 |
| S63  | 5    | "381"/\$.ccls. and ((amplif\$6<br>attenuat\$3) near20 (sensor\$1<br>microphone\$1) near20 (accord\$3<br>depend\$4) near20 (coefficient<br>emphasis weight\$3))         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2009/06/17<br>22:27 |
| S64  | 1    | schultz.in. and vehicle and<br>communication and voice and<br>(attenuat\$3 near20 amplif\$3) and<br>weight\$3  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2009/06/17<br>22:32 |
| S65  | 10   | "381"/\$.ccls. and ((amplif\$6<br>attenuat\$3) near20 (sensor\$1<br>microphone\$1) near20 (accord\$3<br>depend\$4) near20 (factor<br>coefficient emphasis weight\$3))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO | OR | OFF | 2009/06/17<br>22:33 |

| S66 | 5 | "379"/\$.ccls. and ((amplif\$6   | US-PGPUB;    | OR | OFF | 2009/06/18 |
|-----|---|----------------------------------|--------------|----|-----|------------|
|     |   | attenuat\$3) near20 (sensor\$1   | USPAT;       |    |     | 11:16      |
|     |   | microphone\$1) near20 (accord\$3 | USOCR; FPRS; |    |     |            |
|     |   | depend\$4) near20 (factor        | EPO; JPO     |    |     |            |
|     |   | coefficient emphasis weight\$3)) |              |    |     |            |

## 6/18/2009 1:36:10 PM

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